

## METHOD AND APPARATUS FOR LIMITING STANDBY SUBNET MANAGERS

Abstract of the Disclosure

5           A method and apparatus for selecting a limited number of standby subnet  
managers includes providing an InfiniBand architecture subnet (100, 200, 300, 400, 500,  
600) having a plurality of nodes (102), where each of the plurality of nodes has a priority  
value (307, 308) and a globally unique identifier (309, 310). Each of the plurality of nodes  
includes a subnet manager (305, 306). Each of the plurality of nodes is ranked according  
10 to the priority value and the globally unique identifier. The subnet manager is selected to  
be one of a set of standby subnet managers (328) based on the priority value and the  
globally unique identifier of each of the plurality of nodes.